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Derwent Title: **Method for reducing chronic tissular hypoxia**
 Original Title: **RU2133629C1: METHOD FOR REDUCING CHRONIC TISSULAR HYPOXIA**

Assignee: PARATSELS CO LTD Soviet institute

Inventor: LEVKIN S F; NENASHEV A A;

Accession/Update: 2000-385489 / 200033

IPC Code: A61M 16/00 ; A61M 16/10 ; A61M 16/12 ; A61M 16/16 ; G01N 33/49 ;

Derwent Classes: **B04; P34; S03;**

Manual Codes: B11-C08E(Biological procedures for testing [general]) , B12-K04A(Diagnosis of diseases or conditions in animals general) , S03-E14H(Investigation methods for biological material) , S03-E14H1(Investigation methods for blood)

Derwent Abstract: (RU2133629C) Novelty - Method involves applying a course of treatments like periodic hypercapnic gas mixture inspirations mainly based on atmospheric air in keeping nitrogen contents in composition unchanged. Carbon dioxide initial concentration is to be measured in patient in rest state in arterial blood. The quantity of 0.05-0.35 times the measured one is taken as carbon dioxide concentration in primary gas mixture for inspiration. Carbon dioxide concentration is increased in the primary inspiration gas mixture by 0.003-0.03 of initial carbon dioxide concentration in patient arterial blood in rest state in every following treatment. The course is applied until arteriovenous difference in oxygen contents reaches maximum value. Use - Medicine. Advantage - Reduced tissue hypoxia; respiration center readaptation.

Dwg.0/0

Family: **PDF Patent** **Pub. Date** Derwent Update Pages Language IPC Code
 RU2133629C1 * 1999-07-27 200033 English A61M 16/00
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Priority Number:	Application Number	Filed	Original Title
	RU1998000105985	1998-04-03	METHOD FOR REDUCING CHRONIC TISSULAR HYPOXIA

Title Terms: **METHOD REDUCE CHRONIC HYPOXIA**[Pricing](#) [Current charges](#)**Derwent Searches:** [Boolean](#) | [Accession/Number](#) | [Advanced](#)

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METHOD FOR REDUCING CHRONIC TISSULAR HYPOXIA

Patent number: RU2133629
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G01N33/49
- european:
Application number: RU19980105985 19980403
Priority number(s): RU19980105985 19980403

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Abstract of RU2133629

FIELD: medicine. SUBSTANCE: method involves applying a course of treatments like periodic hypercapnic gas mixture inspirations mainly based on atmospheric air in keeping nitrogen contents in composition unchanged. Carbon dioxide initial concentration is to be measured in patient in rest state in arterial blood. The quantity of 0.05-0.35 times the measured one is taken as carbon dioxide concentration in primary gas mixture for inspiration. Carbon dioxide concentration is increased in the primary inspiration gas mixture by 0.003-0.03 of initial carbon dioxide concentration in patient arterial blood in rest state in every following treatment. The course is applied until arteriovenous difference in oxygen contents reaches maximum value. EFFECT: reduced tissue hypoxia; respiration center readaptation.

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